

CNC Metals

SS316

* Note: This document is provided for reference only. Actual chemical composition and mechanical properties may vary by batch, thickness, and material supplier. We can provide material traceability and certificates if requested at the time of order.

Technique Standard	EN 10088-1:2014
Composition Standard	GB/T 20878

Chemical Composition

Element	C	Si	Mn	P	S	Ni	Cr	Cu	Mo
Standard Value (%)	≤0.08	≤1.0	≤2.0	≤0.045	≤0.03	10-14.0	16-18.0	-	2-3.0
Measured Value (%)	0.078	.381	1.38	0.036	0.01	10.52	16.52	-	2.02

Mechanical Properties

	Standard Value	Measured Value
Tensile Strength	515 – 720 MPa	520 MPa
Yield Strength	205 – 310 MPa	205 MPa

Other Mechanical Properties

Hardness (HRC)	28
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